

1950

Tyne Port Health Authority

ANNUAL
REPORT

OF THE

Medical Officer of Health

NEWCASTLE UPON TYNE
CO-OPERATIVE PRINTING SOCIETY, RUTHERFORD STREET,
ALSO AT MANCHESTER AND LONDON.

1951.

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Tyne Port Health Authority

CONSTITUTED BY LOCAL GOVERNMENT BOARD'S ORDER
DATED 29TH MARCH, 1897.

ELECTED BY THE CORPORATION OF NEWCASTLE :

COUNCILLOR R. A. DIXON.
COUNCILLOR M. B. FENWICK.
COUNCILLOR R. S. GRAY, J.P.
COUNCILLOR A. F. HOLMES.
COUNCILLOR L. W. LAWRENCE.
COUNCILLOR I. McCAMBRIDGE.
COUNCILLOR H. RUSSELL.
COUNCILLOR A. L. STOREY.

ELECTED BY THE CORPORATION OF GATESHEAD :

ALDERMAN J. T. ETHERINGTON.
ALDERMAN P. S. HANCOCK.
ALDERMAN B. N. YOUNG.

ELECTED BY THE CORPORATION OF SOUTH SHIELDS :

COUNCILLOR C. BARRAS, J.P.
COUNCILLOR E. W. MACKLEY (*Chairman*).
COUNCILLOR J. F. RICHARDSON.

ELECTED BY THE CORPORATION OF TYNEMOUTH :

COUNCILLOR R. A. ANDERSON.
ALDERMAN R. E. JACKSON, J.P.

ELECTED BY THE CORPORATION OF WALLSEND :

ALDERMAN P. J. McARDLE, J.P. (*Vice-Chairman*).
COUNCILLOR C. L. PALMER, J.P.

ELECTED BY THE CORPORATION OF JARROW :

ALDERMAN P. SCULLION.

ELECTED BY THE HEBBURN URBAN DISTRICT COUNCIL :

COUNCILLOR W. BROWN.

ELECTED BY THE FELLING URBAN DISTRICT COUNCIL :

COUNCILLOR J. BURLISON, J.P.

ELECTED BY THE BLAYDON URBAN DISTRICT COUNCIL :

COUNCILLOR J. J. SCOTT.

ELECTED BY THE NEWBURN URBAN DISTRICT COUNCIL :

COUNCILLOR D. DAWSON, O.B.E.

ELECTED BY THE WHICKHAM URBAN DISTRICT COUNCIL :

COUNCILLOR H. McDERMOTT.

The above Constitution is as existing on the 31st December, 1950.

Officers and Staff

Medical Officer of Health . . T. L. J. COXON, M.D., B.S., B.Hy.,
[D.P.H.]

Clerk to the Authority J. ENGLISH.

Treasurer J. GOODBURN RAINE.

Chief Inspector N. PARK, CERT. R.S.I.

Deputy Chief Inspector . . . H. M. COATS, CERT. R.S.I.

Food Inspector *R. O. BURN, CERT. R.S.I.

Inspector *W. B. WEATHERSTON, CERT. R.S.I.

Clerk, Mill Dam Office E. M. GLENNY.

Ratsearcher J. H. ROBINSON.

„ H. BURN.

Launches J. W. RAY (Senior Coxswain).

„ R. S. BURN (Coxswain).

„ E. H. S. WATSON.

„ K. JARVIS.

* Certificate of Meat and Other Foods.

OFFICES OF THE AUTHORITY.

Medical Officer of Health . . . Mill Dam, South Shields.

Tel. South Shields 65.

Chief Inspector Mill Dam, South Shields.

Tel. South Shields 65.

Clerk to the Authority : 145, Pilgrim Street, Newcastle-upon-Tyne, 1.

Tel. Newcastle 22796.

Tyne Port Health Authority.

MILL DAM,

SOUTH SHIELDS,

September, 1951.

THE CHAIRMAN,

VICE-CHAIRMAN AND MEMBERS

of the Tyne Port Health Authority.

LADIES AND GENTLEMEN,

I have the honour to submit my report on the work of your Officers and Staff for the year 1950, and in so doing, I wish very briefly in the introduction, to touch on some of the salient points in respect of the health and economy of the region covered by your boundaries.

In so far as the general health of the Port Area is concerned, it differs little from that of the surrounding population, being affected by whatever epidemiological factors as they are, but our responsibility in preventing the introduction of disease from abroad by means of ship borne disease, is one of paramount importance. Following several outbursts of smallpox in various parts of the country, a tighter control of sea borne traffic has been practised.

I am pleased to report that in no case during the year, despite the fact of frequent arrivals from infected ports, was there an introduction of any major infectious disease.

Minor infectious diseases were not many in number, and no difficulty was experienced in arranging for adequate treatment and control.

The economic condition of the area shows no great change from 1949.

Rather greater movement of coal and coke, chiefly coastwise, accounts for a rise in the export figures of close on 600,000 tons over the previous year, but imports and exports of a general nature showed some contraction.

So much for the general condition of the Tyne Area. As to the river itself, no progress towards devising or putting in hand any scheme of purification has yet been undertaken.

May I, in conclusion, on behalf of my Staff and myself, take this opportunity of thanking you for the sympathetic support unfailingly given to us throughout the year.

I am, Ladies and Gentlemen,

Your obedient Servant,

T. L. J. COXON.

TYNE PORT HEALTH AUTHORITY.

Report of the Medical Officer of Health for the Year ended 31st December, 1950.

1. AMOUNT OF SHIPPING ENTERING THE PORT DURING THE YEAR 1950.

TABLE A.

	Number.	Tonnage.	Number inspected.		Number reported to be defective	Number of vessels on which defects were remedied.	Number of vessels on which defects were found & reported to Ministry of War Transport Surveyors	Number of vessels reported as having, or having had during the voyage infectious disease on board
			By the Medical Officer of Health.	By the Sanitary Inspectors.				
FOREIGN :—								
Steamers	856	1,237,290	301	825	72	47	..	8
*Motor	824	1,024,316	213	774	40	18	..	4
Sailing .....	..	..	..	..	..	..	..	..
Fishing	226	36,382	..	88	1	..	..	..
Total Foreign	1,906	2,297,988	514	1,687	113	65	..	12
COASTWISE :—								
Steamers	4,002	4,394,484	149	2,973	160	100	2	11
*Motor	1,419	984,655	61	989	41	32	..	1
Sailing .....	..	..	..	..	..	..	..	..
Fishing	4,994	241,220	..	..	..	..	..	..
Total Coastwise	10,415	5,620,359	210	3,962	201	132	2	12
TOTAL FOREIGN AND COASTWISE	12,321	7,918,347	724	5,649	314	197	2	24

* Includes mechanically propelled vessels other than steamers.

Total number of vessels visited by Inspectors :—

British Ships.

Steam	2,859
Motor	1,062
Sail	—
Fishing	—

3,921

Foreign Ships.

Steam	939
Motor	701
Sail	—
Fishing	88

1,728

Re-visits

767

6,416

Total number of crews of vessels visited by Inspectors :—

British Ships.

British White	74,377		
British Coloured	5,141		
Alien White	1,576		
Alien Coloured	1,141		
	<hr/>	82,235	

Foreign Ships.

British White	623		
British Coloured	134		
Alien White	42,042		
Alien Coloured	455		
	<hr/>	43,254	
		<hr/>	125,489

British Fishing Vessels.

British White
---------------------	----

Foreign Fishing Vessels.

Alien White	1,980	
	<hr/>	1,980

Total number of passengers of vessels visited by Inspectors :—

British Ships.

British	178		
Alien	82		
	<hr/>	260	

Foreign Ships.

British	16,693		
Alien	17,203		
	<hr/>	33,896	
		<hr/>	34,156

Fishing Vessels.

British .....	..	
Alien .....	..	
	<hr/>		..

Tonnage of vessels visited by Inspectors :—

Steamers

British	3,663,904	
Foreign	1,119,870	
	<hr/>	4,783,774

Motor Vessels.

British	1,167,091	
Foreign	669,880	
	<hr/>	1,836,971

Sailing Vessels.

British	—	
Foreign	—	
	<hr/>	
	<hr/>	6,620,745

Fishing Vessels.

British	—	
Foreign	14,302	
	<hr/>	14,302

The Nationalities of vessels inspected were as follows :—

British	3,921
Argentinian	1
Belgian	8
Canadian	5
Costa Rica	1
Cyprian	2
Danish	172
Dutch	385
Finnish	111
French	44
German	81
Greek	12
Icelandic	1
Italian	15
Jugo-Slav	3
New Zealander	2
Norwegian	428
Panamanian	30
Polish	2
Portuguese	5
Russian	6
South African	3
Spanish	10
Swedish	308
Swiss	3
United States America	2
Total	<hr/> 5,561 <hr/>

The Nationalities of Fishing Vessels visited were as follows :—

Dutch	3
Faroese	1
French	82
Icelandic	1
Polish	1
	<hr/>
	88
	<hr/>

The number of Re-visits made during the year were as follows :—

In connection with the issuing of Deratisation and Deratisation Exemption Certificates	552
In connection with sickness.....	32
In order to have defects remedied	182
In connection with food	1
	<hr/>
	767
	<hr/>

The number of vessels inspected during each year for the last 10 years has been as follows :—

1941	Vessels	3,126	
	Fishing Vessels	—	
	Re-visits	1,333	
		<hr/>	4,459
1942	Vessels	2,898	
	Fishing Vessels	—	
	Re-visits	882	
		<hr/>	3,780
1943	Vessels	2,868	
	Fishing Vessels	—	
	Re-visits	838	
		<hr/>	3,706
1944	Vessels	2,791	
	Fishing Vessels	—	
	Re-visits	708	
		<hr/>	3,499
1945	Vessels	3,359	
	Fishing Vessels	5	
	Re-visits	842	
		<hr/>	4,206
1946	Vessels	4,269	
	Fishing Vessels	—	
	Re-visits	942	
		<hr/>	5,211

1947	Vessels	4,708	
	Fishing Vessels	65	
	Re-visits	820	
		<hr/>	5,593
1948	Vessels	5,044	
	Fishing Vessels	338	
	Re-visits	815	
		<hr/>	6,197
1949	Vessels	5,601	
	Fishing Vessels	150	
	Re-visits	772	
		<hr/>	6,523
1950	Vessels	5,561	
	Fishing Vessels	88	
	Re-visits	767	
		<hr/>	6,416

II.—CHARACTER OF TRADE OF PORT—TABLE B.

(A) PASSENGER TRAFFIC DURING THE YEAR 1950.

No. of Passengers.	1st Class.	2nd Class.	3rd Class.	Trans- migrants.
Inwards	*35,560	..	Nil.
Outwards	*34,482	..	Nil.

* This Total includes 1st, 2nd and 3rd Class.

TABLE SHOWING PASSENGER TRAFFIC FOR 1938 AND FROM 1944 TO 1950.

Year.	PASSENGERS. 1st, 2nd and 3rd Class.		Transmigrants.	
	Inwards.	Outwards.	Inwards.	Outwards.
1938.....	26,656	27,220	664	207
1944.....	62	....	..	..
1945.....	3,504	5,372	..	..
1946.....	15,559	15,372	..	..
1947.....	21,179	19,974	..	..
1948.....	28,126	25,985	..	..
1949.....	33,598	31,371	..	..
1950.....	35,560	34,482	..	..

Increased passenger accommodation of modern design is once again reflected in the large increase in the passenger traffic between Tyne and Scandinavia.

All shipping lines have shared in the increased bookings with the possible exception of the Gothenberg-Tyne Service, where the running of a purely passenger vessel does not appear warranted at the present time, Swedish travellers preferring either air travel or the shorter sea trip via Denmark to Harwich.

As against this single instance, the Norwegian Lines are planning yet further extensions in their services, and look forward to the time when Norway takes its place as a main tourist centre in Europe.

All vessels now in service are fast and well appointed, though the fares remain expensive.

(B) CARGO TRAFFIC.

Total tonnage entering the port has shown an increase over last year.

1945	Foreign	1,678,968	
	Coastwise ..	3,219,116	
		<hr/>	4,898,084
1946	Foreign	1,659,445	
	Coastwise ..	3,570,899	
		<hr/>	5,230,344
1947	Foreign	1,575,042	
	Coastwise ..	3,925,508	
		<hr/>	5,500,550
1948	Foreign	1,752,855	
	Coastwise ..	4,287,243	
		<hr/>	6,040,098
1949	Foreign	2,304,073	
	Coastwise ..	5,000,246	
		<hr/>	7,304,319
1950	Foreign	2,297,988	
	Coastwise ..	5,379,139	
		<hr/>	7,677,127

Through the courtesy of the General Manager of the Tyne Improvement Commission, I am able to give the following report on the import and export trade of the Tyne Ports.

Total tonnage of imports shows a decrease on the previous year of some 70,000 tons. General exports are increased by 42,000 tons ; coal shipments by nearly 659,000 tons.

PRINCIPAL IMPORTS.

General Merchandise—

1950 : 2,262,352 tons.

Included in the above are :—

	<i>Tons.</i>
Iron Ore	560,929
Timber (excluding pit props)	122,200
Oil fuel and other oils	489,239
Grain	246,851
Provisions	131,782
Cement	125,339
Iron and Steel Manufactures and Scrap . . .	125,482
Petroleum Spirit	81,072
Metals and Minerals (excluding iron ore) ..	68,727
Fruit and Vegetables	26,734
Pit Props	92,941
Other Goods	65,309
Beer	11,515
Fertilizers	86,577
Fish	27,655

PRINCIPAL EXPORTS.

General Merchandise—

1950 : 380,314 tons.

Included in the above are :—	<i>Tons.</i>
Sulphate of Ammonia	126,673
Iron and Steel Manufactures	26,325
Oil fuel cargo	47,946
Pitch and Tar	18,541
Petroleum Spirit	37,250
Textiles	12,159
Firebricks and Fireclay	9,631
Rope and Binder Twine	3,122
Metals (non ferrous)	3,021
Paints	5,786
Other Goods	49,393
Grain and Feeding Stuffs	15,133
Machinery	25,334

COAL AND COKE SHIPMENTS.

1950.

	<i>Tons.</i>
Coal	8,566,180
Bunkers	375,182
Coke	544,904
Total	<u>9,486,266</u>

(c) PRINCIPAL PORTS FROM WHICH VESSELS ARRIVE.

Normal Tyne trading includes a large proportion of traders from Norwegian, Swedish, Danish, Dutch and German Baltic ports, and a slighter larger volume than previously from Finland.

Oil and petrol from Abadan ; iron ore from West African ports, a few from Spain, and general cargoes from America make up the bulk of the rest of the total of general trade.

Mediterranean trade has not been a feature of the port during the year.

MEDICAL INSPECTION OF ALIENS.

Annual return by the Medical Inspector of Aliens for the year ended
31st December, 1950.

	TOTAL.	Number In- spected by the Medical In- spector.	Number sub- jected to detailed exami- nation by the Medical In- spector.	CERTIFICATES ISSUED.					Trans- migrants
				Lunatic Idiot or M.D.	Undesir- able for medical reasons.	Physi- cally incapa- citated.	Suffering from acute infec- tious disease.	Landing neces- sary for adequate medical exami- nation.	
(a) Total number of Aliens land- ing at the Port	17,138	14,921	883	..	..	..	1	..	..
(b) Aliens refused permission to land by Immi- gration Officer	37	11	26	1	1	..	..	..	..
(c) Transmigrants	..	..	..	..	..	..	..	..	..
Total Aliens arriv- ing at the Port	17,175	14,932	909	1	1	..	1	..	..

Total number of vessels carrying Alien passengers 547
Number of Vessels dealt with by the Medical Inspector ... 496

III. WATER SUPPLY.

Source of Water Supply for—

1. THE PORT.

The water supply for the Tyne Ports is obtained from the following sources :—Newcastle & Gateshead Water Co., Sunderland & South Shields Water Co. and Tynemouth Water Co.

2. SHIPPING.

Vessels may obtain fresh water direct from hydrants from all these supplies ; also from 10 waterboats which obtain their supply from the above companies.

The following hydrants are at the disposal of vessels for a direct supply of fresh water :—

- At North Shields Fish Quay, the fishing fleet, foreign and coastwise, obtain their supply direct from the hydrants.
- At North Shields, above Smith's Dock, there are five hydrants, each with a separate meter, where the waterboats obtain their supply from the Tynemouth Water Co.
- On the south side, at Tyne Dock, there are hydrants on No. 2 and No. 3 jetties, where the waterboats obtain their supply direct from the mains. All vessels in this area obtain their fresh water from the waterboats.

- (d) In the mid-Tyne area, there are hydrants at Howdon and Wallsend, where waterboats obtain their supply of fresh water. All vessels requiring fresh water in this area obtain it from waterboats.
- (e) In the Newcastle and Gateshead area there are hydrants fitted with hose up to 100 feet with meter attachment.
 - (a) At Newcastle Quay there are 22 hydrants available for the supply of fresh water from the Newcastle and Gateshead Water Co. Vessels are supplied with drinking water on application to the Quay-master. The only difficulty they have experienced in supplying water direct from these hydrants has been in the case of very large vessels after discharging cargo at high water. The water tanks of these exceptional vessels have been as much as 40 feet above the level of the hydrant and more than 300 feet away. In these cases the vessels are supplied by water boats.
 - (b) At Tyne-Tees Co.'s Wharf, Johnson's Cement Wharf and King Edward Wharf there are hydrants fitted with hose and meter attachment for the supply of fresh water.
- (f) Dunston, Elswick and Derwenthaugh area.
 - (a) Dunston Staiths (N.C.B.). These staiths are fully provided with hydrants and connecting hose at six berths for the supply of fresh water to vessels.
 - (b) Elswick Staiths. Hydrant and hose connections are provided on the wharf for the supply of fresh water to vessels.
 - (c) Vickers Armstrong Ltd. Provision is made for the supply of fresh water to vessels where hydrants and hose are available.

3. NUMBER OF WATERBOATS AND THEIR SANITARY CONDITION.

There are 10 waterboats available for the supply of fresh water to vessels at Tyne Ports. The following is a list of vessels and owners :—

<i>Name of Waterboat.</i>	<i>Name of Owner.</i>
" Crystal Fountain "	Messrs. R. G. Aitken & Co.
" Alice "	,, V. A. Curry.
" Daydream "	,, ,,
" Harcuss "	,, ,,
" Royal Sovereign "	,, Fenn Bros.
" Britannia "	,, A. Gibson.
" Medway "	,, ,,
" I'll Try "	,, S. Pascoe & Co.
" Thomas & Alice "	,, ,,
" Tyne "	,, ,,

WATERBOATS.

Waterboats continue to supply chlorinated water for drinking and other purposes to shipping lying at buoys and at other points on the river inaccessible to shore supplies.

IV. PORT HEALTH REGULATIONS, 1933 AND 1945.

1. ARRANGEMENTS FOR DEALING WITH DECLARATIONS OF HEALTH.

Declarations of Health are supplied to Masters of vessels by the pilots, officers of H.M. Customs and Sanitary Officers on arrival. In the case of regular traders supplies of Declarations are issued to cover the period of three months.

Declarations are collected and examined by Officers of H.M. Customs or the Port Health Officer, whichever is first on board, and Forms P.S.2 or P.S.2A are left as receipt by the respective Officers.

In cases where questions 1 to 6 are answered in the negative, the vessel is allowed to proceed, but when answered in the affirmative the Port Health Authority is at once notified and pratique withheld until the Medical Officer has visited the vessel.

2. BOARDING OF VESSELS ON ARRIVAL.

All vessels reporting sickness are boarded on arrival by the Medical Officer and Chief Inspector.

Vessels from infected ports reporting sickness are sent direct to the appropriate mooring station for medical examination. All other vessels are boarded and examined on arrival at their appointed berths.

3. NOTIFICATION TO THE AUTHORITY OF INWARD VESSELS REQUIRING SPECIAL ATTENTION (WIRELESS MESSAGES, LAND SIGNAL STATIONS, INFORMATION FROM PILOTS, CUSTOMS OFFICERS, ETC.)

Masters of vessels requiring special attention on arrival are able to get in communication with the Port Health Authority by Wireless (Telegraphic Address—Portelth, South Shields), giving particulars and probable time of arrival.

Pilots report any sickness on passing H.M. Customs Hailing Station, who in turn are in direct telephonic communication with the Mill Dam Office.

4. MOORING STATIONS DESIGNATED UNDER ARTICLE 10.

(a) *Within Docks.*

(b) *Outside Docks.*

It has been arranged with H.M. Customs and Tyne Improvement Commission to adopt the following scheme in reference to moorings other than the Quarantine Station at Jarrow Slake, which will remain as heretofore for dealing with infected vessels arriving direct from sea.

(a) Tyne Dock.

Northumberland Dock.

Albert Edward Dock.

(b) Dunston.

Newcastle Quay.

Jarrow Slake.

At each of these places arrangements have been made by the Medical Officer of Health with the Dock Masters concerned to provide isolation buoys when required. At any other place of mooring, discharging or loading in the Tyne area, the Medical Officer will designate a place of mooring station when required.

In order to prevent unnecessary delay in shipping in the Port the following procedure should be carried out :—

- (1) Any ship with cholera, plague, yellow fever, typhus or small-pox on board shall proceed to the mooring station at Jarrow Slake.
- (2) Where a ship, whether foreign or home trade, arrives at the Tyne from a Foreign port, and it appears in answer to questions or otherwise that :—
 - (a) During the voyage, or last six weeks of voyage, there has been on the ship a death from illness suspected to be any of the five above-mentioned diseases, she shall proceed to the appointed mooring station nearest her ordinary berth.
 - (b) During the voyage or last six weeks of same, plague has occurred or been suspected amongst rats or mice on the ship, or sickness or death not attributable to poison or other methods of destruction has occurred amongst the rats or mice on the ship, she shall proceed to her appropriate mooring station nearest her ordinary berth.
 - (c) The ship has
 - (1) called at a port or seaboard included in the weekly return of infected or suspected ports or seaboard but reports “ all well ” during the voyage, and arrives with no sickness on board, unless a written notice to the contrary has been delivered to the Customs Officer or on behalf of the Medical Officer ; or
 - (2) has on board a case of minor infectious disorder, namely, chicken-pox, measles, scarlet fever, diphtheria, enteric fever, pneumonia, tuberculosis, mumps, cerebro spinal fever, erysipelas, malaria or dysentery she shall be permitted to proceed to her ordinary place of mooring, loading or discharge, and be granted modified pratique there, the Medical Officer being informed.

5. PARTICULARS OF ANY STANDING EXEMPTIONS FROM THE PROVISIONS OF ARTICLE 14.

Under Article 14, any vessel arriving and having on board a case of minor infectious disorder, namely, chicken-pox, measles, scarlet fever, diphtheria, enteric, pneumonia, tuberculosis, mumps,

cerebro spinal fever, erysipelas, malaria or dysentery, will be permitted to proceed to her ordinary place of mooring, loading or discharge, and be granted modified pratique there, the Medical Officer being informed.

6. EXPERIENCE OF WORKING OF ARTICLE 16.

Boarding of tradesmen's representatives before the granting of pratique has occurred from time to time, and in order to prevent this practice, warnings have been issued to all offenders that subsequent infringements would be the subject of stringent action.

Warnings, but no legal actions were undertaken during 1950.

7. WHAT, IF ANY, ARRANGEMENTS HAVE BEEN MADE FOR :—

(a) *Premises and waiting rooms for medical examination.*

Examination rooms are available at Mill Dam Offices, South Shields. Alien examination, in conjunction with H.M. Immigration Officers, takes place on board passenger vessels and mail boats.

A female assistant is in attendance.

(b) *Cleansing and disinfection of ships, persons and clothing and other articles.*

Disinfection of infected quarters is carried out by the Tyne Port Health Authority's Staff.

Bedding, clothing and other articles are dealt with at the Steam Disinfection Stations belonging to the Riparian Authorities.

Arrangements have been made for the cleansing of persons at the City Hospital for Infectious Diseases, Newcastle-upon-Tyne.

(c) *Premises for the temporary accommodation of persons for whom such accommodation is required for the purpose of the Regulations.*

Persons for whom accommodation is required for the purpose of the Regulations are sent to the City Hospital for Infectious Diseases, Newcastle-upon-Tyne.

(d) *Hospital accommodation available for plague, cholera, yellow fever, small-pox and other infectious diseases.*

Arrangements have been made for the reception of all infectious diseases at Newcastle, Gateshead, North Shields and South Shields Infectious Hospitals.

(e) *Ambulance transport.*

Transport of cases by water is carried out by the Authority's Launches. Cases of land transport by motor ambulance.

(f) *Supervision of contacts.*

Contacts may be sent to the City Hospital for Infectious Diseases, Newcastle-upon Tyne, or dealt with on board.

8. ARRANGEMENTS FOR THE BACTERIOLOGICAL OR PATHOLOGICAL EXAMINATION OF RATS FOR PLAGUE.

These examinations are carried out at the Central Public Health Laboratory, Newcastle-upon-Tyne.

9. ARRANGEMENTS FOR OTHER BACTERIOLOGICAL OR PATHOLOGICAL EXAMINATIONS.

These examinations are also carried out at the Central Public Health Laboratory, Newcastle upon Tyne.

10. ARRANGEMENTS FOR THE DIAGNOSIS AND TREATMENT OF VENEREAL DISEASE AMONG SAILORS UNDER THE INTERNATIONAL ARRANGEMENTS.

The Masters of all vessels are asked to report any case of venereal disease occurring amongst their crew, when instructions are given for the treatment of venereal disease at the local clinics. Particulars of the location and times of clinics are supplied by the Officers of the Authority.

11. ARRANGEMENTS FOR THE INTERMENT OF DEAD.

When death occurs on board ship at Tyne Ports the body is removed to the nearest mortuary and arrangements made for the interment.

12. OTHER MATTERS, IF ANY, REQUIRING OR RECEIVING ATTENTION.

Nil.

TABLE C.
CASES OF INFECTIOUS SICKNESS LANDED FROM VESSELS.

Disease.	No. of Cases during the Year.		No. of Vessels concerned.	Average No. of Cases for previous 5 years.
	Passengers.	Crew.		
Chicken Pox.....	2	—	2	2·4
Cholera	—	—	—	—
Diphtheria	—	—	—	·8
Suspected Diphtheria ..	—	—	—	·2
Dysentery.....	—	—	—	·2
Enteric	—	—	—	—
Erysipelas.....	—	—	—	·2
Malaria	—	3	2	—
Recurrent Malaria.....	—	—	—	1·2
Measles	—	—	—	1·2
Mumps	—	—	—	·2
Para-typhoid	—	—	—	—
Plague	—	—	—	—
Pneumonia	—	—	—	·2
Suspected Pneumonia ..	—	1	1	—
Poliomyelitis	—	—	—	—
Rubella	—	—	—	·4
Relapsing Fever	—	—	—	—
Scarlet Fever	—	—	—	·2
Small Pox.....	—	—	—	—
Tuberculosis	—	—	—	—
Suspected Tuberculosis .	—	1	1	—
Typhus	—	—	—	—
Whooping Cough.....	—	—	—	—
Yellow Fever	—	—	—	—

TABLE D.
CASES OF INFECTIOUS SICKNESS OCCURRING ON VESSELS
DURING THE VOYAGE BUT DISPOSED OF PRIOR TO ARRIVAL.

Disease.	No. of Cases during the Year.		No. of Vessels concerned.	Average No. of Cases for previous 5 years.
	Passengers.	Crew.		
Chicken Pox	—	—	—	2·6
Cholera	—	—	—	—
Diphtheria	—	—	—	·2
Suspected Diphtheria ..	—	—	—	·2
Dysentery	—	45	3	·8
Enteric	—	—	—	·2
Suspected Enteric	—	—	—	·4
Erysipelas	—	—	—	—
Malaria	—	15	5	8·2
Suspected Malaria	—	3	2	·2
Recurrent Malaria	—	—	—	1·8
Cerebral Malaria	—	—	—	·2
Measles	—	—	—	2·8
Mumps	—	—	—	·6
Para-typhoid	—	—	—	·6
Plague	—	—	—	—
Pneumonia	—	4	4	1·4
Suspected Pneumonia ..	—	1	1	·4
Bronchial Pneumonia ..	—	1	1	·2
Poliomyelitis	—	—	—	—
Rubella	—	1	1	—
Relapsing Fever	—	—	—	—
Scarlet Fever	—	—	—	—
Suspected Scarlet Fever.	—	—	—	·4
Small Pox	—	—	—	·2
Suspected Small Pox ...	—	—	—	·2
Tuberculosis	—	1	1	1·8
Suspected Tuberculosis .	—	—	—	3·0
Typhus	—	—	—	·2
Suspected Typhus	—	—	—	·2
Whooping Cough	—	—	—	—
Yellow Fever	—	—	—	—

CHICKEN POX

Date. 1950.	Name of Vessel.	From.	On Voyage.	On or after Arrival.	Remarks.	Notes on Arrival at Tyne.
Feb. 20	m.s. "Astrea" ..	Bergen	—	1	Passenger	Moor Park Hosp.
Aug. 16	s.s. "Jupiter"...	Bergen	—	1	Passenger	Moor Park Hosp.
			—	2		

DYSENTERY.

Jan. 21	m.s. "British Security"	Tripoli and Hamburg	1	—	Buried at Sea.	All well.
,, 30	s.s. "Trojan Star"	Timaru, Wellington, N.Z., London and Avonmouth.	43	—	Reported at London	All well.
Sept. 20	s.s. "Charleston"	Mena Al Ahmadi and Heysham.	1	—	Left at Mena Al Ahamdi.	All well.
			45	—		

MALARIA.

Jan. 9	s.s. "Dorington Court."	Pepel and Freetown...	—	2		Examined by M.O.H.
April 17	s.s. "Fort Gloucester."	Lagos, Freetown, Hull and London.	5	—	Reported at Hull.	All well.
July 2	s.s. "Karachi"	Oran, Freetown and Dakar.	4	—	Treated at Sea.	All well.
Aug. 9	s.s. "Beaconsfield"	Takoradi, Port Harcourt, Lagos, Accra and Freetown.	1	—	Left at Hull.	All well.
,, 24	s.s. "Avisglen"	Takoradi and Middlesbrough.	4	—	On voyage	All well.
Sept. 14	s.s. "Ninetto Gavorone."	Rotterdam, Spezzia and Pepel.	—	1		Attended on arrival.
Oct. 13	s.s. "Sinnington Court."	Freetown and London..	1	—	Attended at London	All well.
			15	3		

SUSPECTED MALARIA.

June 20	m.s. "Trewidden"	Sapele, Lagos, Takoradi and Dakar.	2	—	Recovered	All well.
July 17	s.s. "Vindafjord"	Takoradi, Las Palmas and Souda.	1	—	Left at Souda.	All well.
			3	—		

PNEUMONIA.

Date. 1950.	Name of Vessel.	From.	On Voyage.	On or after Arrival.	Remarks.	Notes on Arrival at Tyne.
Feb. 14	m.s. "British Empress."	Abadan, Aden, Port Said, Copenhagen and Aalborg.	1	—	Left at Port Said.	All well.
,, 28	s.s. "Stanbell"	Abadan	1	—	Died at Abadan.	All well.
Mar. 21	s.s. "Cleveland"	Aruba, Purfleet, Immingham.	1	—	Left at Hull.	All well.
Dec. 9	s.s. "Ashgate" ..	Asseus and London....	1	—	Left at London.	All well.
			4	—		

SUSPECTED PNEUMONIA.

April 3	s.s. "Glenrosa"	La Goulette and Middlesbrough.	1	—	Left at Middlesbrough.	All well.
Nov. 22	s.s. "Tudor Queen."	Blyth.	—	1		Removed hospital.
			1	1		

BRONCHIAL PNEUMONIA.

April 20	s.s. "City of Hong Kong."	Cape Town, Teneriffe, London, Antwerp and Hull.	1	—	Left at Hull.	All well.
			1	—		

RUBELLA.

April 24	s.s. "Cairnesk"	Halifax, N.S.	1	—	Left at Halifax.	All well.
			1	—		

TUBERCULOSIS.

Nov. 29	s.s. "British Engineer."	Abadan, Aden, Port Said, Bizerta, Purfleet and Saltend.	1	—	Died at Abadan.	All well.
			1	—		

SUSPECTED TUBERCULOSIS.

Mar. 13	m.s. "British Pride."	Tampico and Grangemouth.	—	1		Removed hospital.
			—	1		

PSITTACOSIS.

Parrots (Prohibition of Import) Regulations, 1930.

3 vessels arrived at Tyne Ports with 4 budgerigars on board. One budgerigar died from natural causes. Other birds all appeared to be in a healthy condition.

No cases of Psittacosis (Parrot Disease) occurred during the year.

GENERAL SICKNESS ON BOARD VESSELS ARRIVING AT TYNE PORTS DURING THE YEAR 1950.

The subjoined Table gives a return of Sickness* reported by Masters of Vessels as having occurred during the Voyage, or coming under the notice of the Tyne Port Health Officials in each month of the year 1950.

1950	Chicken pox.	Dysentery	Malaria.	Suspected Malaria	Pneumonia.	Suspected Pneumonia.	Bronchial Pneumonia	Rubella.	Tuberculosis.	Suspected Tuberculosis.	Accidents.	Abscesses, Boils, etc.	Apoplexy.	Appendicitis.	Asthma & Bronchitis.	Blood Poisoning.	Blood Pressure.	Diseases of Ear.	Diseases of Eye.	Diseases of Chest.	Diseases of Heart.	Diseases of Intestines.	Diseases of Kidneys.	Diseases of Liver.	Diseases of Lungs.
January .....	.. †44	2	..	..	.. †2	..	..	..	..	..	4	2	..	..	..	..	1	..	..	..	..	..	..	1	..
February .....	.. †1	..	..	..	..	..	..	..	..	.. ††	3	..	..	1	..	..	..	..	..	..	1	1	..	..	..
March .....	..	..	..	..	1	..	..	..	..	1 †	3	3	..	1	..	..	..	..	..	..	..	..	..	..	2
April .....	..	..	5	..	..	1	1	1	..	..	3	2	.. †	1	2	1	..	..	1	..	..	..	..	..	..
May .....	..	..	..	..	..	..	..	..	..	..	3	..	.. †1	..	..	..	..	1	..	..	..	..	..	..	..
June .....	..	..	..	2	..	..	..	..	..	..	3	..	.. †1	2	..	2	..	..	..	..	..	..	..	..	..
July .....	.. ††	..	4	1	..	..	..	..	..	..	6	1	..	2	..	..	..	1	1	..	..	..	1	..	..
August .....	.. †1	..	5	..	..	..	..	..	..	..	5	..	.. †	1	1	..	..	..	1	..	1 †	..	..	..	..
September .....	..	1	1	..	..	..	..	..	..	..	3	..	.. †1	1	..	..	..	..	..	..	1	..	..	..	..
October .....	..	..	1	..	..	.. ††	..	..	.. †	..	3	4	..	..	1	..	..	..	..	..	..	..	1	..	..
November .....	..	..	..	..	..	1 ††	..	..	1	..	1	..	..	..	..	..	..	..	..	..	.. †	..	..	..	1
December .....	..	..	..	..	1	..	..	..	..	..	5	..	..	..	2	..	..	..	..	1	1	..	..	..	..
TOTALS ...	†† 2	† 45	18	3	† 4	†† 2	1	1	† 1	†† 1	42	12	††† 3	9	6	3	1	3	2	1	†† 4	1	2	1	3

GENERAL SICKNESS ON BOARD VESSELS ARRIVING AT TYNE PORTS—continued.

1950	Diseases of Nose.	Diseases of Skin.	Diseases of Stomach.	Diseases of Teeth and Gums.	Diseases of Throat.	Diabetes.	Enteritis.	Epilepsy.	Febrile Catarrh.	Gastritis.	Hæmorrhoids.	Hernia.	Influenza.	Insanity.	Jaundice.	Lumbago.	Nervous Disorders.	Non-defined.	Pyrexia of unknown origin.	Rheumatism and Neuritis.	Suicide.	Veneral.	TOTALS.	
January	1	..	..	..	..	..	2	..	..	1	..	..	..	..	..	1	..	..	..	9	68	
February	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	1	..	3	16
March	2	..	..	..	..	1	1	..	..	..	1	..	..	1	..	..	..	..	..	10	27	
April	1	..	1	..	..	..	..	3	..	..	..	5	28	
May	1	..	..	..	†	..	2	..	2	..	1	..	..	..	1	..	..	1	..	7	20	
June	1	1	..	..	..	1	..	..	..	..	..	..	..	1	..	..	2	..	..	†	2	18	
July	8	4	..	2	1	..	..	..	..	..	1	..	..	..	..	..	5	2	..	1	6	47	
August	2	..	1	..	..	..	..	..	..	..	..	..	..	..	..	2	..	1	..	1	22	
September	1	1	..	1	1	..	..	..	..	1	..	9	..	1	2	..	..	..	..	..	..	25	
October	1	..	..	..	1	1	..	1	..	..	..	..	..	†	5	1	..	2	22	
November.....	..	1	..	1	..	..	..	..	6	..	..	..	..	1	..	..	1	1	..	..	..	1	16
December	2	..	..	..	..	..	1	..	..	..	6	..	1	..	..	..	..	..	..	1	21	
TOTALS	1	11	14	1	5	2	†	1	13	1	4	3	18	1	3	5	2	†	19	2	4	†	47	330

* The names of the diseases during the voyage are given as reported by the Master of the vessels.
† Removed to Isolation Hospitals.

VESSELS ARRIVING FROM INFECTED OR SUSPECTED PORTS.

Vessels arriving at Tyne from Infected Ports were boarded by
Medical Officer and Inspectors of the Tyne Port Health Authority,
as under :—

Name of Port.		Direct to the Tyne.	To the Tyne Indirect.
Accra.....	†	—	2
Aden	*	—	8
Alexandria	†	—	1
Algiers.....	*	2	3
Bone	†	2	1
Buenos Ayres	*	—	1
Calcutta	†§*	—	3
Freetown	°	2	3
Lagos	*	—	2
New Orleans	†	—	5
Singapore	†	—	1
Tripoli	†	1	5
Tunis	†	—	2
TOTALS		7	37

* Smallpox. † Typhus. ‡ Plague. § Cholera. °Yellow Fever.

V. MEASURES AGAINST RODENTS.

1. STEPS TAKEN FOR THE DETECTION OF RODENT PLAGUE.

(a) *In ships in the port.*

All rats captured or killed on board ship are examined before being cremated. Suspected rats are sent to Central Public Health Laboratories, Newcastle upon Tyne for bacteriological examination. In cases where this examination proves positive, specimens are also sent to the Ministry of Health.

(b) *On quays, wharves, warehouses, etc., in the vicinity of the port.*
Not applicable.

2. MEASURES TAKEN TO PREVENT THE PASSAGE OF RATS BETWEEN SHIPS AND THE SHORE.

Rat guards are placed on all mooring ropes ; also a wrapping of canvas coated with gas tar. Gangways are limewashed and strips of canvas coated with gas tar tacked down on gangways.

3. MEASURES OF DERATISATION OF

(a) *Ships.*

Fumigation by sulphur di-oxide, hydrogen cyanide and other approved methods.

(b) *Premises in the vicinity of docks or quays.*
Not applicable.

4. MEASURES TAKEN FOR THE DETECTION OF RAT PREVALENCE IN SHIPS.

Vessels are examined by our Inspectors and Ratsearchers.

5. RAT-PROOFING.

(a) *To what extent are docks, wharves, warehouses, etc., rat proof ?*

The Tyne Port Health Authority have no jurisdiction over docks, wharves, warehouses and shore premises. Measures have been taken by the Shore Authorities in the construction and provision of new sheds on the quaysides, with the result that rat harbourage has been considerably reduced.

(b) *Action taken to extend rat-proofing.*

(i) (in ships).

When on examination rat harbourage is discovered this matter is pointed out to the Owners' Superintendent, when we advise him to eliminate same as far as possible by substituting metal sheathing and expanded metal in place of wooden casings and sheathings.

(ii) on shore.

Not applicable.

RATS DESTROYED DURING THE YEAR 1950.

TABLE E.

(1) ON VESSELS.

1950.

Number of Rats.	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total in Year.
Black.....	21	..	87	56	46	10	..	..	47	9	22	11	309
Brown	31	..	63	22	67	..	11	48	27	24	34	5	332
Species not recorded..	..	..	..	..	..	..	..	..	..	..	..	..	..
Examined	52	..	150	78	113	10	11	48	74	33	56	16	641
Infected with Plague .	..	..	..	..	..	..	..	..	..	..	..	..	..

TABLE FOR 1949 IS APPENDED FOR COMPARISON.

1949.

Number of Rats.	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total in Year.
Black.....	15	29	28	17	20	28	12	67	109	34	38	34	431
Brown	42	3	28	13	16	57	23	40	38	49	20	26	355
Species not recorded..	..	..	..	..	..	..	..	..	..	..	..	..	..
Examined	57	32	56	30	36	85	35	107	147	83	58	60	786
Infected with Plague .	..	..	..	..	..	..	..	..	..	..	..	..	..

RATS DESTROYED DURING THE YEAR 1950—*continued*.

TABLE F.

(2) ON SHORE.

The docks, wharves and warehouses at the Tyne Ports come under the jurisdiction of the shore authorities and no reports are available.

TABLE G.

MEASURES OF RAT DESTRUCTION ON PLAGUE “INFECTED” OR “SUSPECTED” VESSELS OR

VESSELS FROM PLAGUE INFECTED PORTS ARRIVING IN THE PORT DURING THE YEAR 1950.

Total number of such Vessels arriving. 1.	Number of such Vessels Fumigated by S.O.2. 2.	Number of Rats Killed. 3.	Number of such Vessels Fumigated by H.C.N. 4.	Number of Rats Killed. 5.	Number of such Vessels on which Trapping, etc., were employed. 6.	Number of Rats Killed. 7.	Number of such Vessels on which measures of Rat Destruction were not carried out. 8.
Nil.	Nil.	Nil.	Nil.	Nil.	Nil.	Nil.	Nil.

TABLE H.
DERATISATION CERTIFICATES AND DERATISATION EXEMPTION CERTIFICATES ISSUED
DURING THE YEAR 1950.

Net Tonnage.	No. of Ships.	Number of Deratisation Certificates Issued.					Number of Deratisation Exemption Certificates Issued.	Total Certificates Issued.
		After Fumigation with		After Trapping, Poisoning, etc. 6	Total.			
		H.C.N. 3	Sulphur. 4			H.C.N. and Sulphur. 5		
1	2	3	4	5	6	7	8	9
Ships up to 300 tons	47	2	..	..	..	2	45	47
Ships from 301 to 1,000 tons	37	2	..	..	..	2	35	37
Ships from 1,001 to 3,000 tons	77	7	..	..	..	7	70	77
Ships from 3,001 to 10,000 tons	226	34	..	..	..	34	192	226
Ships over 10,000 tons	2	1	..	..	..	1	1	2
TOTALS	389	46	..	..	..	46	343	389

VI. HYGIENE OF CREWS' SPACES.
TABLE J.
(CLASSIFICATION OF NUISANCES.)

Nationality of vessels.	Number inspected during the year.	Defects of original construction.	Structural defects through wear and tear.	Dirt, Vermin and other conditions prejudicial to health.
British.....	3,921	2	114	231
Other Nations	1,640	..	11	23

SANITARY DEFECTS.

Inspection of crews' accommodation continues a most important part of the Port Health Inspector's duties.

Whilst revealing numerous instances of the continuance of defects, which, with improved supervision by responsible officers and a responsive crew, should never occur, there are indications in the inspections that owners and superintendents are showing a happier spirit and a more earnest desire to give satisfactory accommodation to the personnel on board.

The standard of sanitary arrangements, messing facilities etc., is definitely improved from what it was 10 years ago.

THE TOTAL NUMBER OF VESSELS USING THE PORT DURING 1950
IS AS FOLLOWS :—

Steamers	4,858
Motor Vessels	2,243
Sailing Vessels .....	..
Fishing Vessels	5,220
TOTAL	12,321

THE NUMBER OF VESSELS ON WHICH DEFECTS WERE FOUND ARE
AS UNDER :—

British—Steam	208	
Motor	77	
	—	285
Foreign—Steam	24	
Motor	4	
Fishing Vessels	1	
	—	29
TOTAL		314

THE NUMBER OF VESSELS ON WHICH DEFECTS WERE REMEDIED
ARE AS UNDER :—

British—Steam	135	
Motor	50	
	—	185
Foreign—Steam	12	
Motor .....	..
	—	12
TOTAL		197

DEFECTS OF VESSELS INCLUDE THE FOLLOWING :—

		<i>Defects.</i>	<i>Remedied.</i>
		(a)	(b)
<i>Forecastles</i>	dirty	51	34
	neglected paintwork ..	101	74
	verminous.....	149	77
	litter to remove	3	—
	defective mosquito protection	9	6
	damp or flooded	1	1
	inadequate	2	—
<i>Sleeping Quarters</i> ..	bedding to destroy	—	1
<i>Officers'</i>			
<i>Accommodation</i> ..	verminous.....	4	1
<i>Holds</i>	verminous.....	1	—
<i>Wood Deck</i>	dirty	1	1
<i>Alleyways</i>	neglected paintwork ..	1	1
	to insulate	1	—
<i>Pantry</i>	neglected paintwork ..	—	1
	verminous.....	63	18
<i>Galley</i>	dirty	1	—
	verminous.....	56	19
	defective bench	1	2
	provision of benches ..	1	2
<i>Storerooms</i>	verminous.....	4	5
	to rat proof	1	1
<i>Messrooms</i>	dirty	2	2
	neglected paintwork ..	2	2
	verminous.....	5	3
	defective tables	2	2
	inadequate seating	1	—
	unsatisfactory	—	1
<i>Clothes Lockers</i>	dirty	1	—
		1	—
<i>Drying Room</i>	dirty	1	1
<i>Flour Store</i>	verminous.....	1	1
<i>Vegetable Lockers</i> ...	to provide	—	1
	verminous.....	1	—

		<i>Defects.</i>	<i>Remedied.</i>
		(a)	(b)
<i>W.C.'s</i>	dirty	13	5
	neglected paintwork ..	2	3
	foul or choked	5	4
	defective	23	15
	defective flush	11	10
	seats to repair	17	18
	inadequate	1	1
<i>Washrooms</i>	dirty	2	2
	neglected paintwork ..	3	5
	defective taps	4	3
	defective basins	4	1
	dirty basins	1	—
	defective showers	4	2
	flooded	1	1
	inadequate or unsatisfactory	3	—
<i>Dampness due to</i> ...	condensation	4	1
	deckhead leakages	22	12
	defective tank tops ...	2	1
	choked scuppers	18	10
	defective drainage	3	1
	leakage from ballast tank	1	1
<i>Defects of</i>	ports, sky or decklights	34	26
	bulkheads	2	3
	floors	8	5
	doors	6	7
	bunks	5	3
	scuppers	3	4
	service pipes	18	9
	soil pipes	1	3
	steam pipes	9	11
	geyser	2	—
	chain pipe casing	1	—
	percolator	1	—
	pump	2	1
	supply pipes	5	1
	salt water cock	1	—
	valves	1	—
	waste pipes	12	6
<i>Ventilation</i>	inadequate	1	2
	defective	3	2
<i>Heating</i>	inadequate	1	—
	defective	16	12
	defective stoves and pipes	2	2
	badly situated bogey stove	1	1

		<i>Defects.</i>	<i>Remedied.</i>
		(a)	(b)
<i>Lighting</i>	inadequate artificial ...	1	1
	defective artificial	1	1
<i>Miscellaneous.—</i>			
	Defective or uncleanly water storage ...	14	11
	Misappropriation of crews' spaces.....	1	—
	Defective ice box tray	—	1
	Defective plywood lining.....	1	—
	Defective refrigerating machinery	1	1
	Defective water supply	1	1
	Absence of water supply	3	—
	Provision of sink.....	1	1
	Loose ceilotex	1	—
	Smoke abatement	1	1

RECOMMENDATIONS—(a) Suggested by your Inspectors.
(b) Carried out.

		<i>Defects.</i>	<i>Remedied.</i>
		(a)	(b)
Installation of pedestal W.C.'s		2	1
„ clothes lockers.....		1	2
„ food lockers		1	—
Provision of washrooms.....		1	1

It must be noted that the defects remedied in column (b) do not necessarily refer to the number of defects noted in column (a), but refer to the number of defects of such nature observed and dealt with in the period 1st January to 31st December, 1950.

VII. FOOD INSPECTION.

(1) No legal actions were taken under the Public Health (Imported Food) Regulations 1937 and 1948, the Public Health (Imported Milk) Regulations, 1926 and the Public Health (Preservatives, &c., in Food) Regulations, 1925 to 1940.

(2) There are no Shell Fish Beds within the jurisdiction of the Tyne Port Health Authority.

FISH QUAY, NORTH SHIELDS.

Foodstuffs imported from Norway :—

		Tons.	Cwts.			Tons.	Cwts.
Fish	85	11		Herrings	3,576	11	

TYNE COMMISSION QUAY, NORTH SHIELDS.

Foodstuffs imported from Norway :—

OSLO.

		Tons.	Cwts.			Tons.	Cwts.
Fish	518	—		Canned Fish	9	1	
Cod Liver Oil	11	—		Fat (sweetened)	2,138	2	
Crispbread	349	—		Chocolate	39	14	
Provisions	33	2		Confectionery.....	643	17	
Bilberries	3	9					

BERGEN.

	Tons.	Cwts.		Tons.	Cwts.
Fish	17,318	9	Stockfish	2,467	3
Canned Fish	871	2	Herrings	311	—
Smoked Herrings	72	12	Salt Herrings	13	14
Salt Mackerel	1	13	Whalemeat	3	6
Cod Liver Oil	276	18	Fat (sweetened)	741	14
Cheese	492	7	Provisions.....	19	16
Chocolate	64	4	Canned Meat	62	12
Sausage Skins	5	19	Poultry	9	4
Bilberries	16	9			

GATESHEAD QUAY.

Foodstuffs imported from Antwerp :—

	Tons.	Cwts.		Tons.	Cwts.
Canned Meat	53	6	Canned Vegetables	20	2
Onions	52	13	Gooseberries	3	12
Pears	7	9	Peas.....	4	2
Cornflour	50	7	Biscuits	1	14
Wine.....	—	5	Citric Acid	2	13

Foodstuffs imported from Hamburg :—

	Tons.	Cwts.
Split Peas	5	—

Foodstuffs imported from Channel Islands :—

	Tons.	Cwts.		Tons.	Cwts.
Tomatoes	267	7	Pears	2	—

Foodstuffs imported from Holland :—

	Tons.	Cwts.		Tons.	Cwts.
Canned Meat	511	3	Bacon	169	—
Cooked Meat	21	18	Custard Powder.....	1	11
Jellies	12	18	Fish	38	5
Farinoca	166	16	Biscuits	220	4
Syrup	406	4	Chocolate	23	—
Pickles	4	—	Confectionery.....	895	7
Preserves	16	7	Glucose	152	11
Condensed Milk	406	5	Cheese	116	15
Butter	369	—	Fat (sweetened)	92	12
Rusks	6	8	Wine and Spirits	20	8
Canned Fruit	130	7	Onions.....	2,147	17
Brussel Sprouts	1	18	Cabbages	1	19
Cauliflowers	5	4	Vegetables in brine	103	8
Lettuce	198	14	Cucumbers	231	1
Radishes	4	3	Mushrooms	—	1
Vegetable Oil	6	18	Tomatoes	732	1
Carrots	7	2	Peas.....	99	5
Canned Vegetables ...	186	9	Pruit Pulp	103	11
Grapes	97	6	Pears	1,173	11
Melons	29	18	Gooseberries	22	12
Nuts	4	6	Bilberries	183	8
Beans	28	6	Gherkins	1	5
Split Peas	236	16			

DUNSTON FLOUR MILLS.

			Tons.	Cwts.
From King's Lynn....	Wheat	.....	10,788	—
„ Hull	Wheat	.....	6,088	—
„ Canada	Wheat	.....	32,184	—
„ Rostock	Wheat	.....	5,976	—
„ New York.....	Wheat	.....	2,988	—
„ Sunderland	Wheat	.....	2,737	—
„ Boston (Lincs.) .	Wheat	.....	512	—

BALTIC FLOUR MILLS.

			Tons.	Tons.
From Hull	Wheat	.....	13,837	—
„ Sunderland	Wheat	.....	3,355	—
„ Boston (Lincs.) .	Wheat	.....	6,020	—
„ Canada	Wheat	.....	28,674	—

FOODSTUFFS CONDEMNED AS UNFIT FOR HUMAN CONSUMPTION.

	Tons.	Cwts.
Fish	2	10

ADVICE AS TO SICKNESS

on shipboard and other matters continue to be received and forwarded to the Health Department of other British Port Health Authorities.

SMOKE NUISANCE.

The Inspector reports that it has not been necessary to take action against Masters of steamers for the evolution of dense smoke during 1950.

PLAGUE, CHOLERA, YELLOW FEVER AND SMALLPOX.

No cases of plague, cholera, yellow fever or smallpox occurred in the Port during the year 1950.

DERATISATION AND DERATISATION EXEMPTION CERTIFICATES.

Under the International Sanitary Convention of Paris, 1926, the following certificates were issued during the year 1950.

Deratisation Certificates	46
Deratisation Exemption Certificates	343
TOTAL	389

LAUNCHES.

Both launches are now in commission.

CO-OPERATION WITH OUTSIDE AUTHORITIES.

As much of the success of the work of this Authority depends on the co-operation which it receives from outside sources, I would wish to express my keen appreciation of the help received.

In addition to the assistance of officials of the corporations and councils of those authorities who form part of our Joint Board, I would particularly like to thank the Officers of the Tyne Improvement Commission, His Majesty's Collector of Customs, His Majesty's Inspector of Immigration, the Principal Officer of the Board of Trade, and their respective staffs.

Finally, I would like to place on record my gratitude to my own Staff for the quality of their work and the loyalty they have shown.

Mr. Park and the entire staff deserve well the best thanks of the Authority.

T. L. J. COXON, M.D., B.S., B.HY., D.P.H.

MILL DAM,

SOUTH SHIELDS,

SEPTEMBER, 1951.

